

# SYSTEM AND METHOD FOR IMAGE BACKGROUND REMOVAL IN MOBILE MULTI-MEDIA COMMUNICATIONS

## Abstract

A method and an apparatus to carry out the method that enables a mobile phone to reduce the bitrate of an image to be transmitted by the mobile phone. The method first removes a portion of an original image frame thereby creating dead clusters within the image frame. The dead clusters are then filled with data to create a new image frame having a smaller bitrate than the original image frame. The new image frame is then encoded such that it requires less bandwidth during transmission than the original image frame would require.